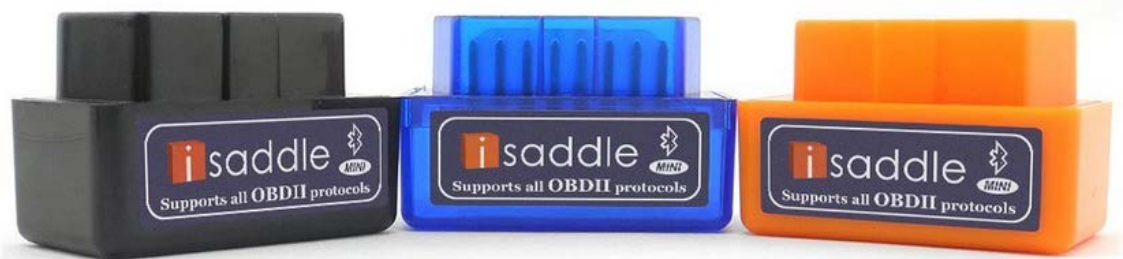


iSaddle Bluetooth OBDII Scan Tool User Manual



iSaddle Bluetooth OBDII Scan Tool

Quick Start

Feature:

- Small size, compact structure. Plug and never unplug
- Stable wireless connection
- No wires or batteries (adapter is powered by the diagnosis size sockets)
- Supports all OBDII protocols

The device is a small adapter that plugged into the vehicle OBD-connector. It connects to any computer, tablet or smartphone, **with associated diagnostic software you will be able:**

- Read diagnostic trouble codes, both generic and manufacturer-specific, and display their meaning (over 3000 generic code definitions in the database).
- Clear trouble codes and turn off the MIL ("Check Engine" light)
- Set the maximum number of responses to obtain
- Remove spaces from ECU responses (to speed data transmission)
- Store a unique identifier in EEPROM
- Set the CAN mask and filter with one command
- Easily switch between variable and fixed CAN message lengths
- Send CAN remote frames (RTRs)
- Many others...

iSaddle BLUETOOTH OBDII Scan Tool is a high-quality automotive scanning tool, supports all OBD-II protocols :

- SAE J1850 PWM(41.6 Kbaud)
- SAE J1850 VPW(10.4 Kbaud)
- ISO9141-2(5 baud init,10.4 Kbaud)
- ISO14230-4 KWP(5 baud init,10.4 Kbaud)
- ISO14230-4 KWP(fast init,10.4 Kbaud)
- ISO15765-4 CAN(11bit ID,500 Kbaud)

- ISO15765-4 CAN(29bit ID,500 Kbaud)
 - ISO15765-4 CAN(11bit ID,250 Kbaud)
 - ISO15765-4 CAN(29bit ID,250 Kbaud)
 - SAE J1939 CAN(29bit ID,250* Kbaud)
 - USER1 CAN(11*bit ID,125* Kbaud)
 - USER2 CAN(11*bit ID,50* kbaud)
- *default settings (user adjustable)

Vehicle Coverage:

Works on all OBD2 Vehicles (1996 onwards in USA) and EOBD vehicles (Petrol cars from 2001 and diesel cars from 2003/2004 in Europe)

For your information:

For your vehicle to be OBD II compliant it must have a 16-pin DLC (Data Link Connector) under the dash and the Vehicle Emission Control Information Label must state that the vehicle is OBD II compliant.

Package includes:

- 1 * iSaddle Bluetooth OBDII Scanner Tool
- 1 * CD containing Device Drivers

Connecting to iSaddle OBDII Scan Tool

iSaddle Bluetooth OBDII Scanner Tool can work with many popular diagnostic software, support TORQUE software for Android devices, OBDscope software for Symbian devices, PPC(Windows Mobile) system cell phone, ScanMaster for PC etc. With different software can show you different features from iSaddle. You can purchase the software that you like to work with iSaddle Scan Tool, please notice iSaddle doesn't offer the software.

For example, the following will show you how to connect iSaddle Bluetooth OBDII Scanner Tool to the most popular software TORQUE with Android devices.

Getting Started

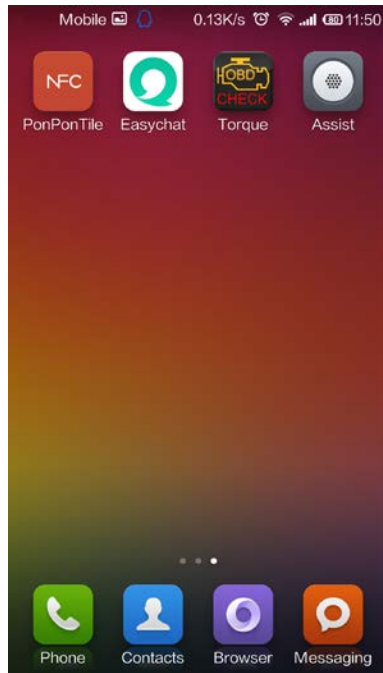
These are the steps you will need to take when setting up the adapter for the first time. All of these following items can be done without the engine running on your vehicle, just the ignition turned to 'on'/'accessory'. Always make sure you are not putting yourself at risk when working on a vehicle.

Don't forget the settings menus and vehicle profile menu that allow you to customise the app to your requirements.



Initial Setup

1, Install the app TORQUE to your Android device from the Android Market.



2, locate the vehicle diagnostics socket - it should be a similar shape that will let the adapter plug into it. Some common places for it are underneath the drivers-side dashboard, or behind a flap near or underneath the steering wheel. Some vauxhalls/GMs have them placed in the centre 'tunnel' between drivers and passenger seats underneath the ash tray, and Alfas could be in the passenger glovebox.



3, Once you have located the socket, plug the adapter into it. Some lights on it should light up. If you are using the PLX adapter, make sure it is turned on if it has a switch.

4, Now you need to pair the adapter with the phone. Some common pairing codes here are '0000' or '1234'. For older versions of Android (1.5 & 1.6), you may need to pair the phone 'twice'(check the notification bar for the pairing request after pairing for the first time).

Pairing the adapter with the phone is relatively simple:

Go to the phones bluetooth settings, accessible via the phones 'Settings->Wireless and networks->Bluetooth settings'

Scan for devices

Wait until the bluetooth device shows in the list - it should say 'scantool','obdkey','plx ...','cbt' or something similar.

Select the device, you will be asked for a pairing code, enter the pairing code for the device.

You are now paired. If you are using Android 1.5 you may get asked a second time (in the notification bar) to authorise the pairing - use the same pin code here as well.



Selecting the adapter with Torque

Launch Torque, and go into the applications settings menu

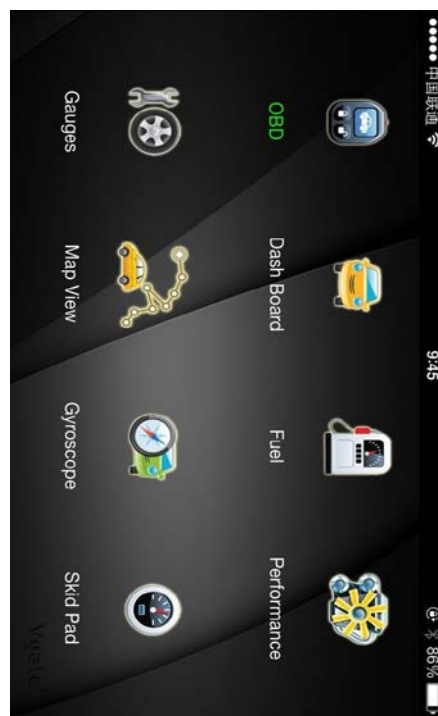
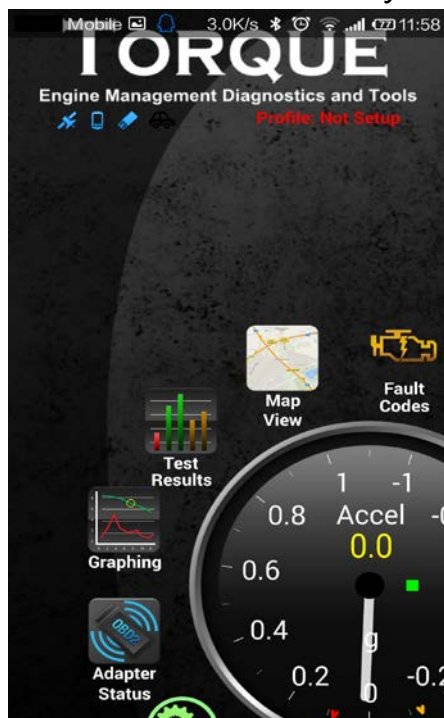
Select the "OBD2 Bluetooth Settings" settings option

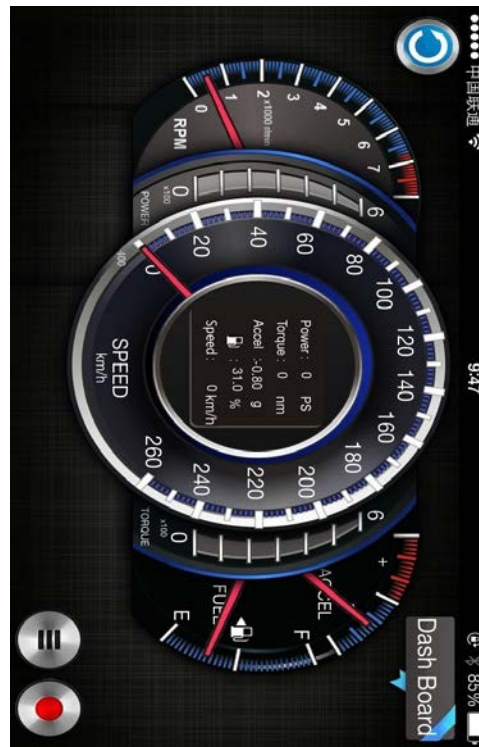
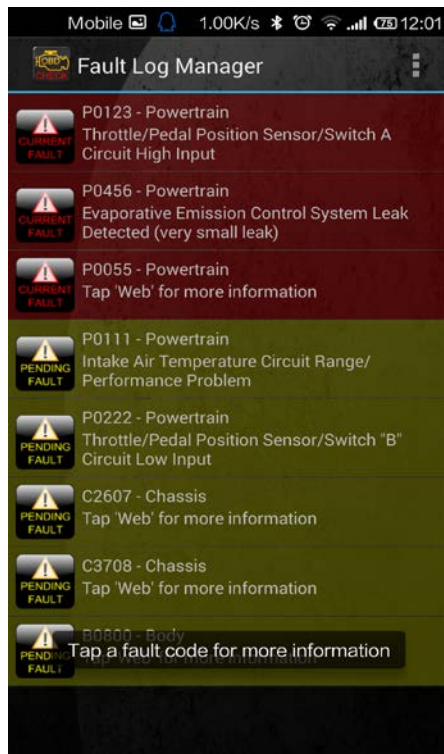
Scroll down the list of items until you see 'Connection Type' in the list. Make sure this is set to 'Bluetooth'

Scroll down to the bluetooth preferences section, select 'Choose Bluetooth Device' and select the adapter you paired with earlier.

Torque is now setup, and should connect to the adapter. To speed things up you might want to quit the app and restart it

Make sure your vehicle ignition is on (the engine does not have to be running) and Torque will start to read sensor information from the ECU. When Torque is properly connected, all the flashing icons at the top right of the main screen should turn blue and stay solid.





For more information about Torque, please check here:
http://torque-bhp.com/wiki/Main_Page